

SEQUENCE LISTING

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Hasel, Karl W
5 Sutcliffe, J. Gregor
Chang, Hwai Wen
Callahan, Marie A
Quan, Jeanette

10 <120> Simplified Method For Indexing And Determining The Relative Concentration Of Expressed Messenger RNAs

<130> 98-430
<140>
15 <141> 2001-02-01
<150> US 09/186,869
<151> 1998-11-04
<150> PCT/US99/23655
<151> 1999-10-14
20 <160> 41

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50 tttttttttt ttttttvnn 79

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20 <222> 68
<223> Description of Artificial Sequence: synthetic primer (cDNA anchor
primer) n can represent A, C, G, or T.
<400> 2
25 atgaattctc tagagtctga gctccaccgc ggttagtactc actgcagttt tttttttt 60
tttttvnn 68

<210> 3
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primer) n can represent A, C, G, or T.
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primer) n can represent A, C, G, or T.
<400> 3
gaattcaact ggaaggccc gcagggaaagg ctccaccgcg gtagtactca ctgcagttt 60

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77

5 <210> 4
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 primer) n can represent A, C, G, or T.
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 <221> misc_feature
 <222> 48
25 <223> Description of Artificial Sequence: synthetic primer (cDNA anchor
 primer) n can represent A, C, G, or T.
 <400> 4
 gaattcaact ggaaggccgc gcaggaattt tttttttttt ttttvnn 48
30 <210> 5
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35 <223> Description of Artificial Sequence: 3' PCR primer

 <400> 5
 gagctccacc gcgggt 15
40 <210> 6
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45 <223> Description of Artificial Sequence: 3' PCR primer
 <400> 6
 gagctcggtt tcccaag 16

50 <210> 7
 <211> 65
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<223> Description of Artificial Sequence: one strand of double stranded adapter

5 <400> 7
atgaatttcgg taccaattaa ccctcactaa agggacagct tatcatcgct cgagctcgac 60
ggtat 65

10 <210> 8
<211> 67
<212> DNA
<213> Artificial Sequence
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<223> Description of Artificial Sequence: other strand of double stranded adapter

15 <400> 8
cgataccgtc gagctcgagc gatgataagc tgtccctta gtgagggtta attggtaccg 60
aattcat 67

20 <210> 9
<211> 52
<212> DNA
<213> Artificial Sequence
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<221> misc_feature
<222> 1
<223> Description of Artificial Sequence: O1 (antisense strand); double stranded adapter wherein base 1 is a phosphorylated cytosine residue.

25 <400> 9
cgataccgtc gacctcgagg tcccttagt gagggtaat tggtaccgaa tt 52

30 <210> 10
<211> 50
<212> DNA
<213> Artificial Sequence
<220>
<223> Description of Artificial Sequence: O2 (sense strand); double stranded adapter

35 <400> 10
aattcggtag caattaaccc tcactaaagg gacctcgagg tcgacggat 50

40 <210> 11
<211> 56
<212> DNA
<213> Artificial Sequence
<220>
<221> misc_feature
<222> 1
<223> Description of Artificial Sequence: One strand of double stranded adapter wherein base 1 is a phosphorylated guanosine residue.

45 <210> 11
<211> 56
<212> DNA
<213> Artificial Sequence
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<221> misc_feature
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<223> Description of Artificial Sequence: One strand of double stranded adapter wherein base 1 is a phosphorylated guanosine residue.

50 <210> 11
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<213> Artificial Sequence
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<221> misc_feature
<222> 1
<223> Description of Artificial Sequence: One strand of double stranded adapter wherein base 1 is a phosphorylated guanosine residue.

<400> 11
gatcctcacc acagagcttc gaggtccctt tagtgagggt taattggtag cgaatt 56

5 <210> 12
<211> 52
<212> DNA
<213> Artificial Sequence
<220>
<223> Description of Artificial Sequence: One strand of double stranded adapter

10 <400> 12
aattcggtac caattaaccc tcactaaagg gacctcgaag ctctgtggtg ag 52

15 <210> 13
<211> 52
20 <212> DNA
<213> Artificial Sequence
<220>
<221> misc_feature
<222> 1
25 <223> Description of Artificial Sequence: One strand of a double stranded adapter wherein base 1 is a phosphorylated cytosine residue.

20 <400> 13
ctcaccacag agcttcgagg tcccttagt gagggtaat tggtaccgaa tt 52

30 <210> 14
<211> 56
<212> DNA
<213> Artificial Sequence
<220>
<223> Description of Artificial Sequence: One strand of double stranded adapter

35 <400> 14
aattcggtac caattaaccc tcactaaagg gacctcgaag ctctgtggtg agcatg 56

40 <210> 15
<211> 21
<212> DNA
<213> Artificial Sequence
<220>
45 <223> Description of Artificial Sequence: Reverse transcriptase (RT) MN₀ primer
<400> 15
cagtctgagc tccaccgcgg t 21

<210> 16
<211> 21
<212> DNA
<213> Artificial Sequence
5 <220>
<221> misc_feature
<222> 21
<223> Description of Artificial Sequence: synthetic primer (5' PCR N₁ primer)
each n can represent A, C, G, or T.
10 <400> 16
ctcgagctcg acggtatcgg n 21

15 <210> 17
<211> 22
<212> DNA
<213> Artificial Sequence
<220>
20 <221> misc_feature
<222> 22
<223> Description of Artificial Sequence: synthetic primer (5' PCR N₁ primer)
each n can represent A, C, G, or T.

25 <400> 17
cctcgagggtc gacggtatcg gn 22

30 <210> 18
<211> 16
<212> DNA
<213> Artificial Sequence
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35 <221> misc_feature
<222> 13, 14, 15, 16
<223> Description of Artificial Sequence: synthetic primer (5' PCR N₄ primer)
each n can represent A, C, G, or T.

40 <400> 18
cgacggtatac ggnnnn 16

45 <210> 19
<211> 19
<212> DNA
<213> Artificial Sequence
<220>
<221> misc_feature
<222> 19
<223> Description of Artificial Sequence: synthetic primer (5' PCR N₁ primer)
each n can represent A, C, G, or T.

50 <400> 19
agctctgtgg tgaggatcn 19

<210> 20

<211> 20
<212> DNA
<213> Artificial Sequence
<220>
5 <221> misc_feature
<222> 17, 18, 19, 20
<223> Description of Artificial Sequence: synthetic primer (5' PCR N₄ primer)
each n can represent A, C, G, or T.

10 <400> 20
ctctgtggtg aggatcnnnn 20

<210> 21
<211> 19
15 <212> DNA
<213> Artificial Sequence
<220>
<221> misc_feature
<222> 19
20 <223> Description of Artificial Sequence: synthetic primer (5' PCR N₁ primer)
each n can represent A, C, G, or T.

<400> 21
agctctgtgg tgagcatgn 19
25 <210> 22
<211> 20
<212> DNA
<213> Artificial Sequence
<220>
<221> misc_feature
<222> 17, 18, 19, 20
<223> Description of Artificial Sequence: synthetic primer (5' PCR N₄ primer)
each n can represent A, C, G, or T.

30 <400> 22
ctctgtggtg agcatgnnnn 20
35 <210> 23
<211> 22
<212> DNA
<213> Artificial Sequence
<220>
40 <221> misc_feature
<222> 22
<223> Description of Artificial Sequence: synthetic primer (5' PCR N₁ primer)
each n can represent A, C, G, or T.

45 <400> 23
cctcgaggtc gacggtatcg an 22
<210> 24
<211> 23

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<212> DNA
<213> Artificial Sequence
<220>
<221> misc_feature
5 <222> 20, 21, 22, 23
<223> Description of Artificial Sequence: synthetic primer (5' PCR N4 primer)
each n can represent A, C, G, or T.

10 <400> 24
tcgaggtcga cggtatcgan nnn 23

<210> 25
<211> 30
15 <212> DNA
<213> Artificial Sequence
<220>
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<223> Description of Artificial Sequence: synthetic primer (NF-κB extended
20 primer)
<400> 25
gatcaatcc ggcccgccctg aatcattctc 30

25 <210> 26
<211> 12
<212> DNA
<213> Artificial Sequence
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30 <223> Description of Artificial Sequence: first stuffer segment of
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<400> 26
agtactcact gc 12
35 <210> 27
<211> 14
<212> DNA
40 <213> Artificial Sequence
<220>
<223> Description of Artificial Sequence: first stuffer segment of
      anchor primer

45 <400> 27
agtactcact gcag 14

50 <210> 28
<211> 16
<212> DNA
<213> Artificial Sequence
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<223> Description of Artificial Sequence: second stuffer segment of

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          anchor primer
<400> 28
gattgctacc tcagtct                               16

5
<210> 29
<211> 16
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10
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<221> misc_feature
<222> 16
<223> Description of Artificial Sequence: synthetic primer (5' PCR N4 primer)
each n can represent A, C, G, or T.

15
<400> 29
gctcgacggt atcggn                               16

20
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<211> 16
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<213> Artificial Sequence
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<221> misc_feature
<222> 15, 16
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each n can represent A, C, G, or T.

25
<400> 30
ctcgacggta tcggnn                               16

30
<210> 31
<211> 16
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<213> Artificial Sequence
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<221> misc_feature
<222> 14, 15, 16
40
<223> Description of Artificial Sequence: synthetic primer (5' PCR N3 primer)
each n can represent A, C, G, or T.

35
<400> 31
tcgacggtat cggnnn                               16

45
<210> 32
<211> 16
50
<212> DNA
<213> Artificial Sequence
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<221> misc_feature
<222> 12, 13, 14, 15, 16

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<223> Description of Artificial Sequence: synthetic primer (5' PCR N₅ primer)
each n can represent A, C, G, or T.

5 <400> 32
gacggtatcg gnnnnn 16

10 <210> 33
<211> 16
<212> DNA
<213> Artificial Sequence
<220>
<221> misc_feature
<222> 11, 12, 13, 14, 15, 16
15 <223> Description of Artificial Sequence: synthetic primer (5' PCR N₆ primer)
each n can represent A, C, G, or T.

20 <400> 33
acggtatcgg nnnnnn 16

25 <210> 34
<211> 16
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<213> Artificial Sequence
<220>
<221> misc_feature
<222> 16
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each n can represent A, C, G, or T.

35 <400> 34
ggtcgacggt atcggg 16

40 <210> 35
<211> 16
<212> DNA
<213> Artificial Sequence
<220>
<221>
<222>
45 <223> Description of Artificial Sequence: synthetic primer (5' RT primer).
<400> 35
aggtcgacgg tatcgg 16

50 <210> 36
<211> 59
<212> DNA
<213> Artificial Sequence
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<222>
<223> Description of Artificial Sequence: synthetic primer (5' ds primer).
5 <400> 36
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<210> 37
<211> 46
10 <212> DNA
<213> Artificial Sequence
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<221>
<222>
<223> Description of Artificial Sequence: synthetic primer (3' ds primer).
15 <400> 37
cagcggataa caatttcaca cagggagctc caccgcggtg gcggcc 46

<210> 38
20 <211> 23
<212> DNA
<213> Artificial Sequence
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<221>
25 <222>
<223> Description of Artificial Sequence: synthetic primer (5' sequencing primer).

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30 cccagtcacg acgttgtaaa acg 23

<210> 39
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35 <212> DNA
<213> Artificial Sequence
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<221> misc_feature
<222> 19
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<400> tttttttttt ttttttttv 19

45 <210> 40
<211> 25
<212> DNA
<213> Artificial Sequence
<220>
50 <221>
<222>
<223> Description of Artificial Sequence: synthetic primer (3' sequencing primer).

<400> 40
ggtggcggcc gcaggaattt tttttttttt ttttt 25

5 <210> 41
<211> 16
<212> DNA
<213> Artificial Sequence
<220>
10 <221> misc_feature
<222> 15, 16
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each n can represent A, C, G, or T.

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